

REMARKS**Response to Claim Rejections Under 35 U.S.C. §102**

Claims 1-11 and 52-78 are rejected by the Examiner under 35 U.S.C. §102(b) as being anticipated by Rosenstock et al. (U.S. Pat. No. 6,458,121).

In response applicants have amended claim 1 to include the feature of an essentially sinusoidal waveform with a total harmonic distortion of less than 5%. This feature is not disclosed in the cited reference and it is not obvious based upon the cited reference.

Applicants respectfully request that the rejection based upon this reference be withdrawn.

Response to Double Patenting

Claims 1-11 and 52-78 are rejected under the judicially created doctrine of obviousness-type double patenting as being unpatentable over claims 1-20 of U.S. Patent No. 6,346,104. In response applicants have filed concurrently herewith a Terminal Disclaimer (By Attorney) which should overcome the rejection.

Conclusions

Applicants believe that the presently pending claims define patentable subject matter. Reconsideration and an early allowance are earnestly solicited.

Respectfully submitted,

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